

*Abstract*

A system and user interface according to invention principles supports concurrently managing and maintaining multiple medical devices (e.g., infusion pumps) and processing and displaying the data produced by the medical devices within a Healthcare enterprise. An information system supports a plurality of network connected infusion pumps. The system includes an acquisition processor for acquiring fluid infusion related data from a plurality of concurrently operating infusion pumps. A data processor processes the acquired fluid infusion related data to provide data suitable for presentation in a single display image identifying the plurality of concurrently operating infusion pumps together with status information identifying status of individual pumps of the plurality of concurrently operating infusion pumps.